Effect of  $\gamma$  on SPCM similarity  $\kappa_{SP}(\cdot,\cdot) = \exp(-\gamma d_{SP}(\cdot,\cdot))$  $\gamma = 0.001$  $\gamma = 0.0016156$ 0.9  $\gamma = 0.0026102$  $\gamma = 0.004217$  $\gamma = 0.0068129$  $\gamma = 0.011007$  $\gamma = 0.017783$  $\gamma = 0.02873$  $\gamma = 0.046416$  $\gamma = 0.074989$  $\gamma = 0.12115$  $\gamma = 0.19573$ similarity  $\gamma = 0.31623$  $\gamma = 0.5109$  $\gamma = 0.8254$  $\rightarrow \gamma = 1.3335$  $\gamma = 2.1544$  $\gamma = 3.4807$  $\rightarrow \gamma = 5.6234$  $\rightarrow \gamma = 9.0852$ X: 1.01  $\rightarrow \gamma = 14.678$ Y: 0.1135  $\gamma = 23.7137$ 0.1  $\gamma = 38.3119$  $\gamma = 61.8966$  $\rightarrow \gamma = 100$ SPCM distance value  $d_{SP}(\cdot,\cdot)$ Similarity limit